

WHAT IS CLAIMED IS:

1. A directional microphone, comprising:
  - a first sound entrance port and a second sound entrance port that are spatially separate from one another;
  - a first air volume, a second air volume, and a third air volume;
  - a first and second membrane that are respectively acoustically connected via the first and second air volumes with the first and second sound entrance port, the first and second membrane being acoustically coupled with one another via the third air volume; and
  - an output signal generator configured to generate an output signal of the directional microphone from a vibration of at least one of the first and second membrane.
2. The directional microphone according to claim 1, wherein the output signal generator comprises an electrically conductive layer on at least one of the first and second membranes.
3. The directional microphone according to claim 2, wherein the output signal generator comprises a backplate electrode at the electrically conductive layer.
4. The directional microphone according to claim 3, wherein the electrically conductive layer and the backplate electrode form a capacitive transducer element.
5. The directional microphone according to claim 3, wherein both the first and second membrane are electrically conductively coated, and together with the backplate electrode respectively form a capacitive transducer element.

6. The directional microphone according to claim 1, wherein the first and second membranes are arranged parallel to one another.
7. The directional microphone according to claim 3, further comprising:  
an air gap lying between one of the first and second membrane and the  
backplate electrode, the backplate electrode being arranged between  
the first and second membranes.
8. The directional microphone according to claim 3, wherein the backplate electrode comprises air ducts for acoustic coupling.
9. The directional microphone according to claim 8, wherein the air ducts are arranged running parallel to one another and perpendicular to the membranes.
10. The directional microphone according to claim 1, wherein at least one of the first and second membranes comprises a small penetration opening for barometric pressure equalization.
11. A hearing aid system, comprising:  
the directional microphone according to claim 1;  
an omnidirectional microphone configured to produce an omnidirectional microphone signal; and  
a signal processing unit connected to the directional microphone and the omnidirectional microphone, the signal processing unit being configured to utilize the omnidirectional microphone signal to generate

an output signal of the directional microphone corresponding to a directional characteristic.

12. A method for utilizing a hearing aid device, comprising:  
providing a directional microphone according to claim 1 for the hearing aid device; and  
generating an output signal of the directional microphone from a vibration of at least one of the first and second membrane.